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| **Term** | **Definition** |
| atom | The basic building block of matter that still has all properties of an element |
| atomic number | The number of protons in an element |
| mass number | The number of protons and neutron in an element |
| electron | The negatively charged particle orbiting the nucleus of an atom |
| proton | The positively charged particle located in the nucleus of an atom |
| neutron | The neutral particle found inside the nucleus of an atom |
| nucleus | The “core” of the atom which contains the protons and neutrons |
| isotope | An element with a different number of neutrons |

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